

Claims

- [c1] A self-contained foul air eliminator comprising a housing, said housing having an intake port, an exhaust port, an impeller, and a converter, wherein the converter includes an oxidizing agent or a hydro-sulfur labile compound in an amount sufficient to effectively react with malodorous compounds in air driven by the impeller from the intake port to the exhaust port through the converter, and wherein the converter further includes an aqueous solution of a promoter carried by a support in a position to accelerate the reaction between the oxidizing agent or hydro-sulfur labile compound and the malodorous compounds.
- [c2] The eliminator of claim 1 wherein the housing contains a power source.
- [c3] The eliminator of claim 2 wherein the power source is a battery.
- [c4] The eliminator of claim 3 mounted to a toilet.
- [c5] The eliminator of claim 1 wherein the housing is adapted to connect to a 120-volt household current to drive the impeller.
- [c6] The eliminator of claim 5 mounted to a toilet.
- [c7] The eliminator of claim 1 mounted to a toilet.
- [c8] The eliminator of claim 1 wherein the impeller operates in a range of 20 SCFM to 150 SCFM.
- [c9] The eliminator of claim 1 further comprising a fragrance repository between the converter and the exhaust port.